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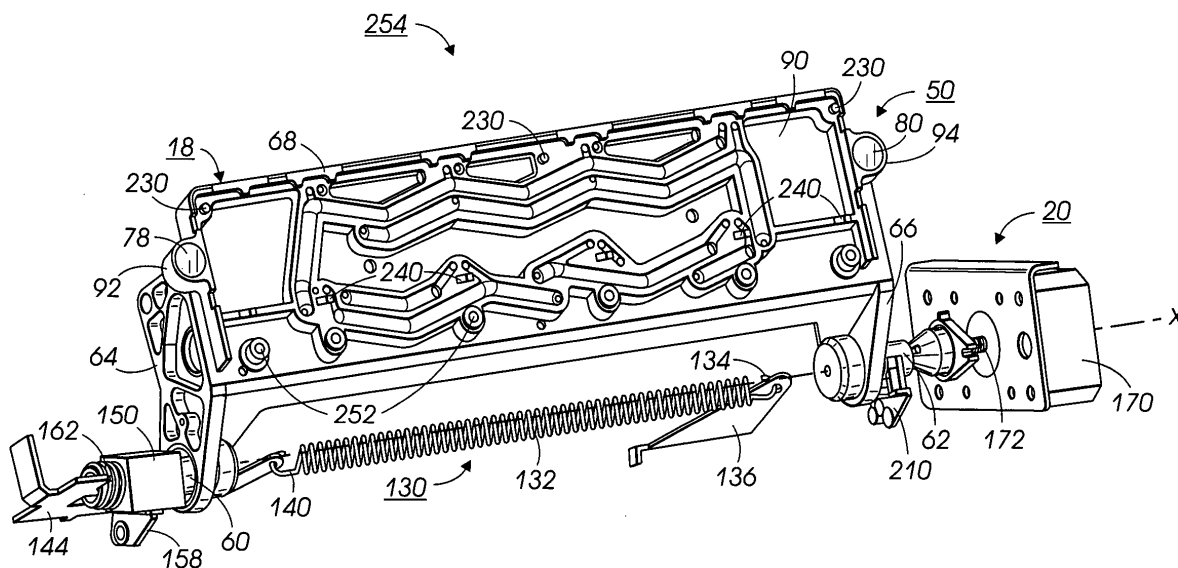
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(54) **Printhead to drum alignment system**

(57) A system for maintaining alignment between a print head (18) and a transfer surface (34) of a drum assembly (38) includes a first contacting member (78, 80) carried by the print head. A first receiving member

(82, 84) is carried by the drum assembly. A drive mechanism (20) translates the print head relative to the transfer surface. During translation of the print head relative to the transfer surface, the first contacting member maintains a sliding contact with the first receiving member.



**FIG. 4**



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# EUROPEAN SEARCH REPORT

Application Number  
EP 05 00 0172

| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                             |                                                      |                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------|
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Citation of document with indication, where appropriate, of relevant passages                                                                                                               | Relevant to claim                                    | CLASSIFICATION OF THE APPLICATION (IPC)                  |
| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EP 0 680 830 A (TEKTRONIX INC [US])<br>8 November 1995 (1995-11-08)<br>* column 9, lines 5-13 - column 9, lines 50-57; figures 6,7 *                                                        | 1-10                                                 | INV.<br>B41J25/308<br>B41J2/21<br>B41J19/20<br>B41J25/00 |
| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | US 6 419 334 B1 (AKUZAWA YOSHIHIDE [JP] ET AL) 16 July 2002 (2002-07-16)<br>* column 6, lines 52-59 - column 7, lines 26-60; figure 2 *<br>* column 8, lines 9-13 - column 8, lines 28-34 * | 1-3,8-10                                             |                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                             |                                                      | TECHNICAL FIELDS SEARCHED (IPC)                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                             |                                                      | B41J                                                     |
| The present search report has been drawn up for all claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                             |                                                      |                                                          |
| Place of search<br>The Hague                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                             | Date of completion of the search<br>27 November 2007 | Examiner<br>Seide, Stephan                               |
| <p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone<br/>Y : particularly relevant if combined with another document of the same category<br/>A : technological background<br/>O : non-written disclosure<br/>P : intermediate document</p> <p>T : theory or principle underlying the invention<br/>E : earlier patent document, but published on, or after the filing date<br/>D : document cited in the application<br/>L : document cited for other reasons</p> <p>&amp; : member of the same patent family, corresponding document</p> |                                                                                                                                                                                             |                                                      |                                                          |

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
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27-11-2007

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